

PATENT

Applicant(s) : J.H. David Wu and Andrea Bottaro

Examiner:
To Be Assigned

Art Unit:
To Be Assigned

For : THREE-DIMENSIONAL PERIPHERAL
LYMPHOID ORGAN CELL CULTURES

Mail Stop: Patent Application

Dear Sir:

Respectfully submitted,

Richard S. Dille

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 176/61411 (2-11141-03010)	SERIAL NO. To Be Assigned
	APPLICANT J.H. David Wu and Andrea Bottaro	
	FILING DATE Herewith	GROUP ART UNIT To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	1	5,459,069	10/17/1995	Palsson, et al.			
	2	5,728,581	03/17/1998	Schwartz et al.			
	3	5,160,490	11/03/1992	Naughton et al.			
	4	5,804,431	09/08/1998	Palsson et al.			
	5	6,080,581	06/27/2000	Anderson et al.			
	6	6,329,196	12/11/2001	Johnson et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
	7	WO 01/036589 A3	05/25/2001	WIPO			
	8	WO 01/64833 A3	09/07/2001	WIPO			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	9	Bagley et al., "Extended Culture of Multipotent Hematopoietic Progenitors Without Cytokine Augmentation in a Novel Three-Dimensional Device," <i>Experi. Hematology</i> 27(3):496-504 (1999)
	10	Dexter et al., "Proliferation of Haemopoietic Stem Cells <i>In Vitro</i> ," <i>Brit. J. Haematol.</i> 28:525-530 (1974)
	11	Fluckinger et al., "In Vitro Reconstitution of Human B-Cell Ontogeny: From CD34+ Multipotent Progenitors to IG-Secreting Cells." <i>Blood</i> 92(12):4509-4520 (1998)
	12	Mantalaris et al., "Engineering a Human Bone Marrow Model: A Case Study on <i>Ex Vivo</i> Erythropoiesis," <i>Biotechnology Progress</i> 14(1):126-133 (1998)
	13	Poznansky et al., "Efficient Generation of Human T Cells from a Tissue-Engineered Thymic Organoid," <i>Nature Biotechnology</i> 18(7):729-734 (2000)
EXAMINER		DATE CONSIDERED
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		14	Pollack, S.B., "Production and Differentiation of NK Lineage Cells in Bone Marrow," <i>Nat. Immun.</i> 12:177-193 (1993)
		15	Porter et al., "A Tissue of T Cells," <i>Nature Biotechnology</i> 18(7):714-715 (2000)
		16	Slovick et al., "Survival of Granulocytic Progenitors in the Nonadherent and the Adherent Compartments of Human Long-Term Bone Marrow Cultures," <i>Experimental Hematology</i> 12:327-338 (1984)
		17	Wang et al., "Multilineal Hematopoiesis in a Three-Dimensional Murine Long-Term Bone Marrow Culture," <i>Experimental Hematology</i> 23:26-32 (1995)
		18	Whitlock et al., "Murine B Cell Lymphopoiesis in Long Term Culture," <i>J. Immunological Methods</i> 67:353-369 (1984)
		19	Whitlock et al., "Long-Term Culture of B Lymphocytes and Their Precursors from Murine Bone Marrow," <i>Proc. Natl. Acad. Sci USA</i> 79:3608-3612 (1982)
		20	Coligan et al., eds., "Current Protocols in Immunology", Vol. 1, Chapter 3, sections II, III, and IV, Chapter 7, section IV and Chapter 12 (1995)
		21	Eaves et al., "Methodology of Long-Term Culture of Human Hemopoietic Cells," <i>J. Tiss. Cult. Meth.</i> 13:55-62 (1991)
		22	Koller et al., "Large-Scale Expansion of Human Stem and Progenitor Cells from Bone Marrow Mononuclear Cells in Continuous Perfusion Cultures," <i>Blood</i> 82(2):378-384 (1993)

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		23	Tjota et al., "Stromal Cells Derived from Spleen or Bone Marrow Support the Proliferation of Rat Natural Killer Cells in Long-Term Culture," <i>Proc. Soc. Exp. Biol. Med.</i> 200(3):431-441 (1992)
		24	Bottaro et al., "Local and General Regulatory Elements of Immunoglobulin Class Switch Recombination," In <i>Molecular Mechanisms of IgE Regulation</i> , Vercelli, ed., Chichester, England: J. Wiley and Sons, pp. 155-177 (1997)
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